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☐ Email this to a* Title: **JP03289052B2:**Derwent Title: Ink jet recording ink - contg. aq. soln. of colourant, ammonium polyacrylic acid and polyoxyethylene surfactant [\[Derwent Record\]](#)

Country: JP Japan

Kind: B2 Published registered Patent Specification ¹ (See also: [JP06340834A2](#))

Inventor: see Assignee

Assignee: None

Published / Filed: 2002-06-04 / 1993-05-31

Application Number: **JP1993000128689**IPC Code: **C09D 11/00;**

ECLA Code: None

Priority Number: 1993-05-31 JP1993000128689

INPADOC Legal Status: None

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Family:

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<input checked="" type="checkbox"/>	JP06340834A2	1994-12-13	1993-05-31	INK-JET RECORDING INK
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2 family members shown above				

This is the publication
no. of the application
(128689), and its abstract
is attached.



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Other Abstract Info:

CHEMABS 123(06)059137M DERABS C1995-063926

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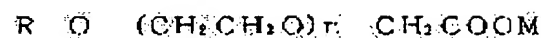
(72)Inventor : IGARASHI MASATO
KAWANISHI TOSHIYUKI
KAWAMURA FUMIO

(54) INK-JET RECORDING INK

(57)Abstract:

PURPOSE: To obtain an ink-jet recording ink capable of forming a clear image on paper by using polyammonium acrylate and a specific surfactant as additives in an ink-jet recording ink in the form of an aq. soln. of a colorant.

CONSTITUTION: An ink-jet recording ink in the form of an aq. soln. of a colorant is blended with additives comprising polyammonium acrylate and a surfactant of the formula (wherein R is 6-14C alkyl; n is 3 to 12; and M is an alkali metal ion, a quaternary ammonium, a quaternary phosphonium, or an alkanolamine). The content of the polyammonium acrylate is suitably at least 0.01wt.%. The amt. of the surfactant of the formula to be added is pref. at least 0.2wt.%. Where at least two inks differing in color are used, at least one of them must contain sodium slginate and the surfactant of the formula.



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